# Unit 2 Review Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Algebra 2 GHP Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

I. Classifying Polynomials

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Expression | Polynomial (yes/no) | List the Coefficients | Degree of Polynomial | # of terms (name) |
| 1) |  |  |  |  |
| 2) |  |  |  |  |
| 3) |  |  |  |  |
| 4) |  |  |  |  |
| 5) |  |  |  |  |
| 6) |  |  |  |  |
| 7) |  |  |  |  |
| 8) 5x2 + 9 |  |  |  |  |

II. Adding, Subtracting & Multiplying Polynomials

**Simplify:**

9)

10)

11)

12)

13)

14)

15)

16)

17)

III. Use all methods of factoring to factor over the integers completely.

18)  19) 

20)  21) 

22)  23) 

24)  25) 

26)  27) 

28) 29) 

30)  31) 